



Abstract

Wireless access to a computer network, such as the Internet
5 and its associated World Wide Web resources, is greatly simplified
using a voice driven system in which specific Web pages are identified
using spoken shortcut phrases, which phrases are converted into text
commands and compared to a database of stored bookmarks. When a
matching bookmark is located, it is sent to a Web server which will
10 serve up the resource to the wireless access device, such as a cellular
telephone or personal digital assistant. Preferably, the wireless access
device can maintain a voice channel to a speech server for providing
spoken shortcuts, while at the same time maintaining a data channel to
the Web server for receiving the requested Web pages. In other
15 embodiments, the spoken command is provided over a voice
connection, which connection is terminated in order to allow the
requested page to be served over a data connection. In yet other
embodiments, a data connection is established first and a hyperlink to
a speech server is provided; when the speech server is selected, the
20 data connection is suspended while a voice connection with the speech
server is established and the spoken shortcuts are provided.